

Title (en)
OPTICALLY ADDRESSED SPATIAL LIGHT MODULATOR AND METHOD

Title (de)
OPTISCH ADRESSIERTER RÄUMLICHER LICHTMODULATOR UND ENTSPRECHENDES VERFAHREN

Title (fr)
MODULATEUR DE LUMIERE SPATIALE A ADRESSAGE OPTIQUE ET PROCEDE ASSOCIE

Publication
EP 1989586 A2 20081112 (EN)

Application
EP 07752245 A 20070302

Priority
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Abstract (en)
[origin: WO2007103274A2] An optical device has an electrically insulating first barrier layer disposed over a first electrode layer, a photoconductive layer disposed over the first barrier layer, and a carrier confining layer disposed over the photoconducting layer. The carrier confining layer defines a volume throughout which a plurality of carrier traps are dispersed. Further, an electrically insulating second barrier layer is disposed over the carrier confining layer, a light blocking layer is disposed over the second barrier layer for blocking light of a selected wavelength band. A reflective layer is disposed over the light blocking layer for reflecting light within the selected wavelength band, a birefringent or dispersive layer is disposed over the reflective layer, and an optically transmissive second electrode layer is disposed over the birefringent or dispersive layer. A method is also disclosed, as are additional layers intervening between those detailed above.

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Cited by
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